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DISSERTATIONS FOR DOCTORATE AND CANDIDATE DEGREES  
SUBMITTED TO "ELEKTRICHESTVO"

The following dissertations for doctorate and candidate degrees have  
 been submitted to Elektrichestvo:

Dissertation for Doctor's Degree

1. "The Problem of Reducing the Specific Volume of Paper Capacitors"  
 (Problema snizheniya udel'nogo ob'yema bumazhnykh kondensatorov), V. T.  
 Renne, LPI (Leningrad Polytechnic Institute).

Dissertations for Candidate's Degree

2. Deionization and the Ignition Potential of a Rarefied Gas in the  
 Presence of Residual Ionization" (Deionizatsiya i potentsial zazhiganiya  
 razrezhenного газа pri nalichii ostatnochnoy ionizatsii), S. I. Ardonova,  
 VEI (All-Union Electrical Engineering Institute).
3. "Study of the Performance of an Electric Machine Amplifier With  
 Transverse Excitation in Motor Operation" (Issledovaniye raboty elektro-  
 mashinnogo usilitelya s poperechnym vozhdzheniyem v dvigatel'nom re-  
 zhime), V. A. Borisov, Ivanovo Power Institute.
4. "Study of Leakage in Electric Machines" (Issledovaniye Rasseyaniya  
 v elektricheskikh mashinakh), A. I. Vol'dek, LPI.
5. "Analysis of Various Systems of Autoelectric Diagram Reproduction"  
 (Analiz razlichnykh sistem elektroavtomaticheskogo kopirovaniya po chertezhu),  
 M. S. Voroshilov, LPI.
6. Methods of Calculating the Operating Time in Electromagnetic Delayed-  
 Action Circuit Breakers" (Metody rascheta vremeni srabatyvaniya elektromagnit-  
 nykh vyklyuchateley s vyderzhkoy vremeni), N. K. Gal'perin, LPI.
7. "Analytical Methods of Determining Currents and Voltages During  
 Short Circuiting With a Simultaneous Phase Break" (Analiticheskiye metody  
 opredeleniya tokov i napryazheniy pri korotkikh zamykaniyakh s odnovre-  
 mennym obryvom faz), F. M. Gorbato, LPI.

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8. "A Method of Calculating Leakage Flux and the Traction Characteristics of Tractive Electromagnets With Armatures Having a Flat Working End" (Metod rascheta potokov rasseyaniya i tyagovykh kharakteristik vtyazhnykh elektromagnitov s ploskoy formoy rabocheho kontsa yakorya), V. V. Kaplan, LPI.
9. "Some Generalizations on the Theory of Feedback" (Nekotoriye obobshcheniya teorii obratnoy svyazi), N. G. Maksimovich, L'vov Polytechnical Institute.
10. "Study of the Optimum Parameters of a Hydroelectric Power Station in a System in Which Hydroelectric Power Predominates" (Issledovaniye optimal'nykh parametrov ges v sisteme s preobladaniyem gidroenergii), G. P. Mamradze, MEI (Moscow Electrical Engineering Institute).
11. "Deionization of a Rarefied Gas With a Large Inverse Voltage" (Deionizatsiya razrezhnogo gaza pri bol'shom obratnom napryazhenii), B. G. Mendeleyev, VEI.
12. "The Anode Area of a Mercury Discharge" (Anodnaya oblast' rtutnogo razryada), N. A. Neretina, VEI.
13. "Methods of Reducing the Error in Single-Wire Current Transformers Built Into Oil Breakers" (Sposoby umen'sheniya pogreshnosti odnoprovodnykh transformatorov toka, vstroyennykh v maslyanye vyklyuchateli), K. I. Roystacher, Electrical Engineering Institute, Academy of Sciences, Ukrainian SSR.
14. "Differential Electric Measuring Instruments With Copper Oxide Rectifiers" (Differentsial'nyye elektroizmeritel'nyye pribory s mednozakisnymi vypryamitel'yami), B. S. Sinitsyn, L'vov Polytechnic Institute.
15. "Some Problems in the Theory of Arc-Quenching Devices With Auto-blast" (Nekotoriye voprosy teorii dugogasyashchikh ustroystv s avtodut'yem), O. P. Sitnikov, Ural Polytechnic Institute.
16. "Study of Circuits With Electric Machine Exciters" (Issledovaniye skhem s elektromashinnym vzbuditelem), O. V. Slezhanovskiy, MEI.
17. "Study of Electrical Phenomena in Insulation by Taking Oscillographs of Current Losses." (Issledovaniye elektricheskikh yavleniy v izolyatsii ostsillografirovaniyem toka poter'), V. M. Fayratskiy, LPI.
18. "An Estimate of the Effect of Rectifier Loads When Calculating Non-Symmetrical Conditions in Power Systems" (Uchet vliyaniya vypryamitel'noy nagruzki pri raschetakh nesimmetrichnykh rezhimov v energosistemakh), E. G. Feynshteyn, Power Engineering Institute, Academy of Sciences, Uzbek SSR.

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